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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/902,963 | 07/10/2001 | William G. Sample | H0001394 | 9212 |

128 7590 04/23/2007
HONEYWELL INTERNATIONAL INC.
101 COLUMBIA ROAD
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| EXAMINER |
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ADDY, THJUAN KNOWLIN

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| ART UNIT | PAPER NUMBER |
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2614

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS | 04/23/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

| | | | |
|------------------------------|-----------------|---------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 09/902,963 | SAMPLE ET AL. | |
| | Examiner | Art Unit | |
| | Thjuan K. Addy | 2614 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 December 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-73 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-73 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed on December 20, 2006 has been entered. No claims have been amended. Claim 2 has been cancelled. Claim 73 has been added. Claims 1 and 3-73 are now pending in this application, with claims 1, 10, 19, 25, 31, 39, 48, 59, and 66 being independent.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 and 3-73 are rejected under 35 U.S.C. 102(b) as being anticipated by Henderson (US 4,212,067).

3. In regards to claims 1, 10, 19, 25, 31, 39, 48, 58, and 59, Henderson discloses a device, method, and decoder comprising: a database (See Fig. 1, random access memory (RAM) 37 and Fig. 6, RAM 153) of stored radio frequency identifiers and radio frequency information (See Abstract and col. 3-4 lines 63-5) corresponding thereto; and a processor (See Fig. 1 and central processing unit/processor 31) coupled to the database and operating one or more algorithms for comparing a decoded radio frequency identifier and a comparison radio frequency identifier selected from the stored

radio frequency identifiers in the database and for generating a display (Fig. 1 and keyboard & display interface 45) signal based on the comparison; and wherein the database of stored radio frequency identifiers is accessed as a function of a radio frequency signal and a position signal indicative of a location of the device (See col. 2 lines 5-34, col. 10 lines 29-51 and col. 13-14 lines 47-11).

4. In regards to claims 3 and 69, Henderson discloses the device and method, further comprising a memory device (See Fig. 1 and RAM 37) having the database stored therein (See col. 3-4 lines 63-5).

5. In regards to claims 4, 51, 52, 53, 54, and 55, Henderson discloses the device and decoder, wherein the one or more algorithms operated by processor includes one or more algorithms for generating the decoded radio frequency identifier by decoding a code radio frequency identifier (See col. 10 lines 40-51 and col. 13-14 lines 59-11).

6. In regards to claims 5, 14, 38, and 43, Henderson discloses the device and method, wherein the coded radio frequency identifier is coded in Morse (See Abstract and col. 13-14 lines 68-3).

7. In regards to claims 6, 20, 21, 27, 34, and 35, Henderson discloses the device and method, wherein the display signal is one of a signal indicative of a correspondence and a divergence between the decoded radio frequency identifier and the comparison radio frequency identifier (See col. 5 lines 20-44).

8. In regards to claims 7, 15, 26, 33, 44, 47, 28, and 36, Henderson discloses the device and method, further comprising a display (See Fig. 1 and keyboard & display interface 45) coupled to the processor and the database, the display structured to

Art Unit: 2614

display the radio frequency information in response to the display signal (See col. 7 lines 1-9).

9. In regards to claims 8, 9, 16, 22, 23, and 45, Henderson discloses the device and method, wherein the display is structured to display the radio frequency information in response to the display signal indicative of a correspondence between the decode radio frequency identifier and the comparison radio frequency identifier (See col. 5 lines 20-44).

10. In regards to claims 11 and 40, Henderson discloses the device and method, further comprising means for interrogating the storing means as a function of the predetermined radio frequency to select radio frequency information (See Abstract and col. 3-4 lines 63-5).

11. In regards to claims 12, 17, 32, 41, and 46, Henderson discloses the device and method, wherein the means for interrogating the storing means as a function of the predetermined radio frequency to select radio frequency information includes means for interrogating the storing means as a function of a position signal to select the radio frequency information (See col. 2 lines 28-34 and col. 2 lines 50-62).

12. In regards to claims 13, 56, and 57, Henderson discloses the device and decoder, further comprising means for decoding a coded radio frequency signal identifier to determine the decoded radio frequency identifier (See col. 13-14 lines 68-3).

13. In regards to claim 18, Henderson discloses the device, further comprising means for displaying the selected radio frequency information as a function of the comparison signal (See col. col. 5 lines 20-44).

Art Unit: 2614

14. In regards to claim 24, Henderson discloses the device, further comprising a radio frequency input device coupled to the first input of the display for inputting the radio frequency control signal (See Fig. 1 and keyboard 43) (See col. 4 lines 9-17).

15. In regards to claims 29, 70, 71, and 72, Henderson discloses the method, further comprising entering the radio frequency control signal (See col. 4 lines 9-17).

16. In regards to claims 30, 37, 42, 49, 50, and 62, Henderson discloses the method and decoder, wherein the received radio frequency signal is a coded signal; and further comprising decoding the coded signal (See col. 13-14 lines 68-3).

17. In regards to claims 60, 61, 63, 64, 65, 66, 67, and 68, Henderson discloses the decoder and method, further comprising a means for converting a detected analog Morse radio frequency signal having a coded identifier into a digital signal and outputting the digital signal to the means for converting the signal into an in-phase signal and a quadrature-phase signal and reducing the sampling frequency to a predetermined level (See col. 8 lines 10-50 and col. 13-14 lines 47-11).

18. In regards to claim 73, Henderson discloses the device, wherein the database and processor are configured to be mobile (See col. 1 lines 5-11 and col. 7 lines 1-9).

Response to Arguments

19. Applicant's arguments with respect to claims 1 and 3-73 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

20. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ryan (US 3,816,833) teaches an aircraft ADF with digital frequency display and timer. Pickels et al (US 3,790,943) teach a radio frequency antenna system. Ward (US 6,282,417) teaches a communication radio method and apparatus.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan K. Addy whose telephone number is (571) 272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

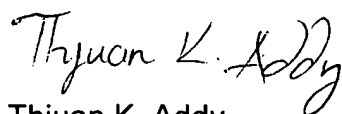
22. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

23. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 09/902,963

Page 7

Art Unit: 2614

A handwritten signature in black ink, reading "Thjuan K. Addy". The signature is written in a cursive, flowing style with a large, stylized "A" at the end.

Thjuan K. Addy
Patent Examiner
AU 2614